

Application No. 10/661,717
Response to OA of 11/25/05

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims:

1. (currently amended) A computing system, comprising:
 - a docking station having a base, a carrier separate from the base, and a nonlinear rigid mounting arm mechanically connecting the base to the carrier, wherein the mounting arm has a first end that pivotally connects to the base and a second end that pivotally connects to the carrier;
 - an electronic display removably connectable to the carrier; and
 - a keyboard in communication with the display, wherein the mounting arm has a curved portion that abuts and supports the display in a horizontal position and a straight portion that abuts and supports the display in a vertical position.
2. (original) The computing system of claim 1 wherein the first end pivots about the base with a first rotational force, the second end pivots about the carrier with a second rotational force, and wherein the first rotation force is greater than the second rotational force.
3. (original) The computing system of claim 1 wherein the mounting arm has an S shape in side view.
4. (original) The computing system of claim 1 wherein the mounting arm is a single integrally formed member.
5. (canceled)
6. (original) The computing system of claim 1 wherein the mounting arm is hollow and electrically couples the base to the display when the display is connected to the carrier.

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7. (original) The computing system of claim 1 wherein the display, while connected to the carrier, is movable between at least four different positions comprising a horizontal landscape position, a horizontal portrait position, an upright landscape position, and an upright portrait position.

8. (currently amended) A portable computer, comprising:

a base having a central processing unit and memory;

a display having a screen, wherein the display is movable between a horizontal position with respect to the base and a vertical position with respect to the base; and

an elongated mounting arm mechanically and electrically coupling the display to the base, wherein the mounting arm has a ~~curved first~~ portion that abuts the display to horizontally supports the display and a ~~straight second~~ portion that abuts the display to vertically supports the display above a support surface.

9. (canceled)

10. (original) The portable computer of claim 8 wherein the mounting arm rotationally connects at a first end to the base and rotationally connects at a second end to the display.

11. (original) The portable computer of claim 8 wherein the base further comprises a stop mechanism to limit movement of the mounting arm about the base while the display is in the vertical position.

12. (original) The portable computer of claim 8 wherein the display is adapted to function as a notepad while in the horizontal position and a view screen while in the vertical position.

13. (currently amended) A method, comprising:

providing a computer base housing electronic components;

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providing a computer display housing electronic components;
mechanically attaching the base to the display with a curved mounting arm;
and
adjusting the display to a vertical position such that the display abuts a straight portion of the curved mounting arm and a center of gravity of the display is between a first pivot point at the base and a second pivot point at the display.

14. (original) The method of claim 13 further comprising forming an angle with a front surface of the display relative to a normal axis with the base, the angle being between 10° and 40°.

15. (original) The method of claim 14 further comprising:
adjusting the display to a horizontal position so the display rests on a support surface; and
forming triangular contact locations with the display and support surface.

16. (original) The method of claim 15 further comprising:
forming a first contact location in a first corner of the display;
forming a second contact location in a second corner of the display; and
forming a third contact location on the mounting arm.

17. (original) The method of claim 15 further comprising:
forming a first contact location in a first corner of the display;
forming a second contact location in a second corner of the display; and
forming a third contact location on the base.

18. (currently amended) A computing system, comprising:
a docking station comprising a base supportable on a support surface and housing electronic components, a carrier, and means for connecting the base to the carrier;
a display housing electronic components and mechanically connected to the carrier and electrically coupled to the base through the means for connecting; and

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wherein the display is supportable off the support surface and above the base such that the display abuts against a straight portion of the means for connecting and a center of gravity of the display is between two different and parallel axes that pass through two different rotational locations and that are normal to a support surface supporting the base.

19. (original) The computing system of claim 18 wherein the means for connecting provides a curved mechanical connection between the base and the carrier.

20. (original) The computing system of claim 19 wherein the means for connecting also provides a straight mechanical connection for supporting the display.

21. (canceled)

22. (currently amended) The portable computer of claim 8 wherein the display abuts the support surface and the curved ~~first~~ portion when the display is being horizontally supported.

23. (previously presented) The method of claim 13 further comprising adjusting the display to a horizontal position such that the display is supported on the support surface and the curved mounting arm but not the computer base.

24. (previously presented) The method of claim 13 further comprising adjusting the display to a horizontal position such that the display is supported on the support surface and the computer base but not the curved mounting arm.

25. (previously presented) The method of claim 13 wherein the display is positioned off a support surface when the display is adjusted to the vertical position such that the center of gravity of the display is between the first pivot point at the base and the second pivot point at the display.

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26. (previously presented) The computing system of claim 18 wherein a first rotational location is at one end of the means for connecting and a second rotational location is at an opposite end of the means for connecting.

27. (currently amended) The computing system of claim 18 wherein the means for connecting has ~~a straight portion that abuts the display in a vertical position and a~~ curved portion that abuts the display in a horizontal position.